

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/535,395
Source: TFW
Date Processed by STIC: 7/12/06

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IFWP

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/535,395

DATE: 07/12/2006
TIME: 10:05:26

Input Set : A:\272478US0XPCT.ST25.txt
Output Set: N:\CRF4\07122006\J535395.raw

3 <110> APPLICANT: Seve, Michel
 4 Favier, Alain
 6 <120> TITLE OF INVENTION: PROTEIN SPECIFIC TO PANCREATIC BETA CELLS IN ISLETS OF
 LANGERHANS
 7 AND APPLICATIONS THEREOF
 9 <130> FILE REFERENCE: 272478US0XPCT
 11 <140> CURRENT APPLICATION NUMBER: 10/535,395
 12 <141> CURRENT FILING DATE: 2005-05-18
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR03/03413
 15 <151> PRIOR FILING DATE: 2003-11-18
 17 <150> PRIOR APPLICATION NUMBER: FR 02/14374
 18 <151> PRIOR FILING DATE: 2002-11-18
 20 <160> NUMBER OF SEQ ID NOS: 10
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 1110
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
 29 <400> SEQUENCE: 1
 30 atggagtttc ttgaaaac gatatggat aatgataaaag ctgccaagat gcatgcttc 60
 32 acactagaaa gtgtggact ccaacagaaa ccggtaata aagatcagt tcccgagag 120
 34 agaccagagg agctggagtc aggaggcatg taccactgcc acagtggctc caagccaca 180
 36 gaaaaggggg cgaatgatgtc cgcctatgcc aagtggaaac tctgttctgc ttctggcaata 240
 38 tgcttcattt tcattgtgc agaggtcggt ggtggcaca ttgctggag tcttgcgttt 300
 40 gtcacagatg ctgcccaccc cttattgtc ctgaccagg tccctgctcag tctttctcc 360
 42 ctgtggctgt catcgaagcc tccctctaag cggctgacat ttggatggca ccgagcagag 420
 44 atccttggtg ccctgctctc catcctgtgc atctgggtgg tgactggcgt gctagtgtac 480
 46 ctggcatgtg agcgcctgtc gtatcctgtt taccagatcc aggcgactgt gatgtatcatc 540
 48 gttccagct ggcgcgtggc ggccaaacatt gtactaactg tggttttgca ccagagatgc 600
 50 cttggccaca atcacaagga agtacaagcc aatgccagcg tcagagctgc ttttgtcat 660
 52 gcccttggag atctatttca gatgtatcgt gtgctaatta gtgcacttat tatctacttt 720
 54 aagccagatg ataaaatagc cgacccaaatc tgacattca tctttccat cctggcttg 780
 56 gccagcacca tcactatctt aaaggacttc tccatcttac tcattggaaagg tggccaaag 840
 58 agcctgaatt acagtgggtt gaaagagctt attttagcag tcgacgggggt gctgtctgt 900
 60 cacagcctgc acatctggtc tctaacaatg aatcaagttaa ttctctcagc tcattgtgt 960
 62 acagcagccca gcccggacag ccaagtgggtt cggagagaaa ttgctaaagc ccttagcaaa 1020
 64 agctttacga tgcactcact caccatttag atgaaatctc cagttgacca ggaccccgac 1080
 66 tgccctttct gtgaagaccc ctgtgactag 1110
 69 <210> SEQ ID NO: 2
 70 <211> LENGTH: 369
 71 <212> TYPE: PRT
 72 <213> ORGANISM: Homo Sapiens
 74 <400> SEQUENCE: 2
 76 Met Glu Phe Leu Glu Arg Thr Tyr Leu Val Asn Asp Lys Ala Ala Lys

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77 1 5 10 15
80 Met His Ala Phe Thr Leu Glu Ser Val Glu Leu Gln Gln Lys Pro Val
81 20 25 30
84 Asn Lys Asp Gln Cys Pro Arg Glu Arg Pro Glu Glu Leu Glu Ser Gly
85 35 40 45
88 Gly Met Tyr His Cys His Ser Gly Ser Lys Pro Thr Glu Lys Gly Ala
89 50 55 60
92 Asn Glu Tyr Ala Tyr Ala Lys Trp Lys Leu Cys Ser Ala Ser Ala Ile
93 65 70 75 80
96 Cys Phe Ile Phe Met Ile Ala Glu Val Val Gly Gly His Ile Ala Gly
97 85 90 95
100 Ser Leu Ala Val Val Thr Asp Ala Ala His Leu Leu Ile Asp Leu Thr
101 100 105 110
104 Ser Phe Leu Leu Ser Leu Phe Ser Leu Trp Leu Ser Ser Lys Pro Pro
105 115 120 125
108 Ser Lys Arg Leu Thr Phe Gly Trp His Arg Ala Glu Ile Leu Gly Ala
109 130 135 140
112 Leu Leu Ser Ile Leu Cys Ile Trp Val Val Thr Gly Val Leu Val Tyr
113 145 150 155 160
116 Leu Ala Cys Glu Arg Leu Leu Tyr Pro Asp Tyr Gln Ile Gln Ala Thr
117 165 170 175
120 Val Met Ile Ile Val Ser Ser Cys Ala Val Ala Ala Asn Ile Val Leu
121 180 185 190
124 Thr Val Val Leu His Gln Arg Cys Leu Gly His Asn His Lys Glu Val
125 195 200 205
128 Gln Ala Asn Ala Ser Val Arg Ala Ala Phe Val His Ala Leu Gly Asp
129 210 215 220
132 Leu Phe Gln Ser Ile Ser Val Leu Ile Ser Ala Leu Ile Ile Tyr Phe
133 225 230 235 240
136 Lys Pro Glu Tyr Lys Ile Ala Asp Pro Ile Cys Thr Phe Ile Phe Ser
137 245 250 255
140 Ile Leu Val Leu Ala Ser Thr Ile Thr Ile Leu Lys Asp Phe Ser Ile
141 260 265 270
144 Leu Leu Met Glu Gly Val Pro Lys Ser Leu Asn Tyr Ser Gly Val Lys
145 275 280 285
148 Glu Leu Ile Leu Ala Val Asp Gly Val Leu Ser Val His Ser Leu His
149 290 295 300
152 Ile Trp Ser Leu Thr Met Asn Gln Val Ile Leu Ser Ala His Val Ala
153 305 310 315 320
156 Thr Ala Ala Ser Arg Asp Ser Gln Val Val Arg Arg Glu Ile Ala Lys
157 325 330 335
160 Ala Leu Ser Lys Ser Phe Thr Met His Ser Leu Thr Ile Gln Met Glu
161 340 345 350
164 Ser Pro Val Asp Gln Asp Pro Asp Cys Leu Phe Cys Glu Asp Pro Cys
165 355 360 365
168 Asp
172 <210> SEQ ID NO: 3
173 <211> LENGTH: 24
174 <212> TYPE: DNA

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Input Set : A:\272478US0XPCT.ST25.txt
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175 <213> ORGANISM: Artificial
 177 <220> FEATURE:
 178 <223> OTHER INFORMATION: Synthetic DNA
 180 <400> SEQUENCE: 3
 181 gatgctgcc acctcttaat tgac 24
 184 <210> SEQ ID NO: 4
 185 <211> LENGTH: 24
 186 <212> TYPE: DNA
 187 <213> ORGANISM: Artificial
 189 <220> FEATURE:
 190 <223> OTHER INFORMATION: Synthetic DNA
 192 <400> SEQUENCE: 4
 193 tcatctttc catcctggtc ttgg 24
 196 <210> SEQ ID NO: 5
 197 <211> LENGTH: 31
 198 <212> TYPE: DNA
 199 <213> ORGANISM: Artificial
 201 <220> FEATURE:
 202 <223> OTHER INFORMATION: Synthetic DNA
 204 <400> SEQUENCE: 5
 205 actctagaat ggagtttctt gaaaagaacgt a 31
 208 <210> SEQ ID NO: 6
 209 <211> LENGTH: 28
 210 <212> TYPE: DNA
 211 <213> ORGANISM: Artificial
 213 <220> FEATURE:
 214 <223> OTHER INFORMATION: Synthetic DNA
 216 <400> SEQUENCE: 6
 217 aatcttagagt cacaggggtc ttcacaga 28
 220 <210> SEQ ID NO: 7
 221 <211> LENGTH: 16
 222 <212> TYPE: PRT
 223 <213> ORGANISM: Homo sapiens
 225 <400> SEQUENCE: 7
 227 His Ile Ala Gly Ser Leu Ala Val Val Thr Asp Ala Ala His Leu Leu
 228 1 5 10 15
 231 <210> SEQ ID NO: 8
 232 <211> LENGTH: 15
 233 <212> TYPE: PRT
 234 <213> ORGANISM: Homo sapiens
 236 <400> SEQUENCE: 8
 238 Cys Glu Arg Leu Leu Tyr Pro Asp Tyr Gln Ile Gln Ala Thr Val
 239 1 5 10 15
 242 <210> SEQ ID NO: 9
 243 <211> LENGTH: 16
 244 <212> TYPE: PRT
 245 <213> ORGANISM: Homo sapiens
 247 <400> SEQUENCE: 9
 249 Cys Leu Gly His Asn His Lys Glu Val Gln Ala Asn Ala Ser Val Arg

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Input Set : A:\272478US0XPCT.ST25.txt
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253 <210> SEQ ID NO: 10
254 <211> LENGTH: 13
255 <212> TYPE: PRT
256 <213> ORGANISM: Homo sapiens
258 <400> SEQUENCE: 10
260 Tyr Phe Lys Pro Glu Tyr Lys Ile Ala Asp Pro Ile Cys
261 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 07/12/2006
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Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#: 3, 4, 5, 6

VERIFICATION SUMMARY

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